Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

AEE, YSTSD
SBR No: 72/22-23
Date: 8/11/2022

No. 3rd & Final bill
Date.....20.....

YNK-DBR No.....
Date.....

Division: Yelahanka. Sub Division: Yelahanka Satellite Town.
Bill Received No.....Dated.....Cash Book Voucher No.....dated.....
Scheduled Docket No.....

Name of Work: Asphalting to roads at Sai Archade,G Ramaiah, and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division.

P-3749

Job Code No: 003-20-000076 **Est. cost: 200.00 lakhs**

Name of Contractor and Full Address : M/s KRIDL, Bangalore.

Work Order No: **BBMP/EE/YNK.D/W.O/193/2019-20,** **Dated : 10.11.2019**

Certified that the measurements were taken by me on 30.07.2022 and recorded in pages 493653-493654/2 of measurement Book No. 4937 and that the work is satisfactorily executed.

Contractor

Assistant Executive Engineer
Yelahanka ...anpur
KRIDL, BBMP, Bangalore

Officer-in-charge of work AE

Certified that the measurements were taken by me on 30/07/2022 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account within — To Tal = 19769728=00
2) Deduct amount to be held in reserve being P.P percent Rs 16715392=00
3) Deduct amount to be held in Balance
4) Deduct Payment : — Present = 3054335
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No.....
   date .....less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied

Gross Amt =Rs	3054335=00
FSD =Rs	152717=00
CGST = Rs	27384=00
SGST = Rs	27384=00
IT = Rs	61087=00
LC = Rs	30543=00
CBF = Rs	3054=00
Rs. Royalty =Rs	21200=00 58300=00
T.D. = Rs	381669=00
Net Amt=Rs	2672666=00

Assistant Executive Engineer
Yelahanka ...anpur
KRIDL, BBMP, Bangalore

Contractor's Signature

Received Rs.....(in words)

By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Dated.....

(For use in the Office)

Audited & Admitted For Rs. 3054335=00

By Ch Rs: 2672666=00 (In Words).....

For Rs. 381669=00 ...And by Adjustn...

Assistant Executive Engineer
Yelahanka ...anpur
Signature of Contractor
KRIDL, BBMP, Bangalore

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Account Student

Exe Engineer
B.B.M.P Bangalore

Initials of Officer Making Payment

Executive Engineer

Bruhat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Division

Asphalting to roads at Sai Archade,G Ramaiah, and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"
Est cost Rs. 200 Lakhs

ABSTRACT

Sl No	Description of Work	Unit	Schedule B Quantity			Previous Measurement		Present Measurement			Up to date	
			Rate	Quantity	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	KSRRB 300-1 Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. P No. 143/ Item No. 19.1/ PWD SR 2018-19	Cum	211.79	1645.65	249643.71	1645.61	348523.74	0.00	211.79	0.00	1645.61	348523.74
2	KSRRMBM2990 Plain cement concrete of mix M10 MIX with crushed stone aggregaes 40mm nomial size mechanically mixed, placed infoundation and compacted by viberation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. p No. 254/ Item No. 34.2/PWD SR 2018-19	Cum	4479.56	279.18	991461.24	279.18	1250603.56	0.00	4479.56	0.00	279.18	1250603.56
3	Providing and laying plain/ reinforced cement concrete for side drains using M20 nomial mix concrete with OPC cement @ 300kgs, with 20mm and down size granite metal coarse aggregates @0.69cum and fine aggregates @0.43cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc, complete excluding cost of stell as per MORTH specification NO. 1500, 1700, 2200. Including cost of materials, labour, HOM complete as per specifications. Item No. 37.59.2/ page no:271/PWD SR 2018-19	Cum	7070.20	425.06	2291283.55	425.06	3005259.21	0.00	7070.20	0.00	425.06	3005259.21

CONSTRUCTION AND CONSULTANCY

4	KSRB 4.9.2 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specificatio (I No-28.8.2.P No-229)	Tonne	72326.98	24.48	1312609.00	24.48	1770564.47	0.00	72326.98	0.00	24.48	1770564.47
5	Removing & Refixing stone slabs of drains and pointing in C.M (1:3) (Page No 27 , I.No 5.33 of KPWD S.R 2018-19)	Sqm	111.30	271.13	30173.21	271.10	30173.43	0.00	111.30	0.00	271.10	30173.43
6	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete (Data Rate)	Sqm	2337.00	1044.91	1830291.66	1044.91	2441954.67	0.00	2337.00	0.00	1044.91	2441954.67
7	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete Page No. 27/ Item No. 5.30/ PWD SR 2018-19	Nos	477.00	4504.00	1839789.00	4503.00	2147931.00	0.00	477.00	0.00	4503.00	2147931.00
8	KSRB 800-1.1 Providing two coats after filling the surface with synthetic enamel paint in approved shades on new plastered surfaces, with materials, labour, complete as per specifications. MORTH chapter 8. (P.No.180, I No 24.1 of PW, P&IWTD SR 2018-19)	Sqm	84.80	810.89	61364.67	810.88	68762.62	0.00	84.80	0.00	810.88	68762.62
9	KSRRB M300-13 Excavation for road way in hard rock (requiring blasting) by drilling and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and stacking at site of cut road with lead of 1.00 km and complete as per specifications (excavated rock credited to contractor) MORTH specification no 301	Cum	57.03	1217.01	72262.79	1216.84	69396.39	0.00	57.03	0.00	1216.84	69396.39
10	KSRRB 300-Compaction KSRRB 300-56: Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 KPWD S.R 2018-19 Page No. 147 I No. 19.64	Sqm	6.36	4056.15	35250.14	4056.14	25797.05	0.00	6.36	0.00	4056.14	25797.05

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11	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material,mixing by mix in place method with rotavator at OMC, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision	Cum	1855.00	557.50	1542193.67	557.50	1034162.50	0.00	1855.00	0.00	557.50	1034162.50
12	KSHDB M406-1: Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406.	Cum	2001.28	912.63	2218408.87	912.63	1826428.17	0.00	2001.28	0.00	912.63	1826428.17
13	KSHDB M506-6: Providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revision. (I" No. 158, INo. 21.6)	Sqm	33.92	3716.65	188000.75	0.00	0.00	3716.60	33.92	126067.00	3716.60	126067.00
14	KSHDB 508-7: Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision.	Cum	12.72	3716.65	70500.28	0.00	0.00	3716.60	12.72	47275.00	3716.60	47275.00

SHRIYA CONSTRUCTION AND CONSULTANCY

15	KSRRB M500-11 Providing and laying dense graded bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formulae for base/ binding course including loadng of aggrigated with FE loader, hot mixing of stone aggregates and bitumen in Hot mix plant transporting the mixed material in tipper to the required level and grade, rolling by power roller to achieve desired, but excluding cost of primer / tack coat including lead, lift and cost of all materials, lobour HOM, of machinaries complete as per specifications MORTH ch5 using 40/60 TPH capacity HMP with Mechanical paver Grll (50mm -75mm) with 3.4% VG-30 bitumen (P NO> 158/ Item No-21.11.6)	Cum	5962.50	185.83	2058608.23	0.00	0.00	185.83	5962.50	1108011.00	185.83	1108011.00
16	Providing and laying bituminous concrete 40mm thick with 100-200 TPH batch type asphalt producing an average output of75 tonnes per using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6%of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH V specification clause No. 500.9 complete in all respects as per specifications. MORTH specification 30-45mm compacted thickness (grading II) with 6% Bitumen 80/100 No. 161/Item No. 21.22.6PWD SR 2018-19	Cum	8622.04	148.67	1958027.83	0.00	0.00	148.66	8622.04	1281787.00	148.66	1281787.00
17	Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC 35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.	Sqm	454.74	112.54	95108.87	0.00	0.00	95.60	454.74	43473.00	95.60	43473.00

SHRIYA CONSTRUCTION AND CONSULTANCY

18	KSRB M800-35 Suply and Installation of moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) Moulded body and reflective panels with micro prismatic lens cabable of providing total internal reflection of the light entering the lens face and shall support a load of 1600k kgs tested in accordance to specifications of category A of MORTH circular no RW/NH/33023/10-97IDO III Date 11.06.1997. The height, width and length shall not exceed 50mm, 100mm, and 102mm and with minimum reflective area of 13sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integratedcylindrical shanks, (of dia not less than 19mm and height not less than 30mm) from the body is to be a minumun of 500kgs Fixing will be by drilling holes on the roads for the shanks to go inside without nails using epoxy resin based adhesive as per manufacturer's recomendations and	Nos	357.22	116.00	40008.64	0.00	0.00	74.00	357.22	26434.00	74.00	26434.00
EIRL-1	Supply and fixing Precast reinforced concrete slab 250mm thick including cost of reinforcement as per design and drawing, material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm	5418.00	23.17	125535.06	23.16	125480.88	0.00	5418.00	0.00	23.16	125480.88
EIRL-2	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum.Coarse and fine aggregate conforming to IS 383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrater and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant	Cum	5210.96	50.94	265446.30	50.93	265394.19	0.00	5210.96	0.00	50.93	265394.19
	Total				17066767.00					26,33,047.00		1,70,43,478.88
	GST charges 12%				2048013.00					3,15,966.00		20,45,217.00
	KRIDL charges 4%				682670.68					1,05,322.00		6,81,739.00
	Grand Total				19797451.00					30,54,335.00		1,97,70,435.00

SHRIYA CONSTRUCTION AND CONSULTANCY PVT.

CONTRACTOR

Asst. Engineer

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ಯಲಹಂಕ ಉಪವಿಭಾಗ, ಬೆಂಗಳೂರು
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Asst. Executive Engineer
Yelahanka Division
BBMP Bangalore